

IN THE CLAIMS:

1. (Amended) A system for providing software upgrades to a vehicle comprising:
a vehicle;
a network transmission medium configured to be installed in said vehicle;
a first network device coupled to said network transmission medium, ~~wherein said~~
~~first network device is configured to accept software upgrades;~~ and
a second network device coupled to said network transmission medium, wherein
said second network device is configured to receive said software upgrade
from a source external to said network and wherein said second network
device is further configured to convey said software upgrade to said first
network device[.];
wherein said first network device is configured to accept software
upgrades, wherein accepting software upgrades includes:
retrieving information from said vehicle regarding said second network
device;
determining whether said second network device requires said upgrade
data;
transmitting said upgrade data to said first network device in response to
determining that said second network device requires said upgrade
data; and
delivering said upgrade data from said first network device via said
transmission medium to said second network device.
2. (Original) The system of claim 1 wherein each of said first and second network
devices is configured to transmit data to devices having corresponding IP addresses and
to receive data having an IP address corresponding to said each of said first and second
network devices.

3. (Original) The system of claim 1 wherein said first and second network devices are each configured to transmit and receive data using object terminology.
4. (Original) The system of claim 1 wherein said first and second network devices are each configured to transmit and receive data according to a predetermined network protocol.
5. (Original) The system of claim 4 wherein said predetermined network protocol is defined by IEEE standard 802.
6. (Original) The system of claim 1 wherein said second network device comprises a wireless communications device.
7. (Original) The system of claim 6 wherein said wireless communications device comprises one of the group consisting of: a CDPD modem; a wireless ethernet transceiver, a wireless modem and a cellular phone.
8. (Amended) A method for providing software upgrades to a vehicle comprising:
providing a vehicle having a network installed therein wherein said network comprises a transmission medium, a first network device connected to said transmission medium and a second network device connected to said transmission medium;
retrieving information from said vehicle regarding said second network device;
determining whether said second network device requires said upgrade data;
transmitting said upgrade data to said first network device in response to
determining that said second network device requires said upgrade data;
~~delivering upgrade data to said first network device;~~ and
delivering said upgrade data from said first network device via said transmission medium to said second network device.

9. (Amended) The ~~system~~ method of claim 8 wherein delivering said upgrade data from said first network device via said transmission medium to said second network device comprises: forming a packet containing said upgrade data; addressing said packet to an IP address corresponding to said second network device; and conveying said packet to said transmission medium.

10. (Amended) The ~~system~~ method of claim 9 further comprising said second device identifying said packet on said transmission medium and retrieving said packet from said transmission medium

11. (Amended) The ~~system~~ method of claim 8 wherein said first network device comprises a wireless communication device and wherein the method further comprises transmitting said upgrade data from an external wireless device to said first network device

12. (Amended) The ~~system~~ method of claim 11 wherein said first network device comprises a wireless ethernet device

13- 20 (Cancelled)